

Claims

1. A press block for use in an application device for through hole mount on a Printed Circuit Board (PCB) of a connector having press-fit type contact terminals, said press block comprising a plurality of adjacently spaced insertion members having an application face for engaging said contact terminals and applying an insertion force thereon, characterized in that an insertion member at an end position of said plurality of insertion members, at its application face, connects by at least one reinforcement member to an adjacent insertion member.

2. A press block according to claim 1, wherein adjacent ones of said plurality of insertion members at their application face connect by reinforcement members.

3. A press block according to claim 1 or 2, wherein said insertion members comprise parallel tabs and wherein said reinforcement members comprise connecting struts extending transverse to said parallel tabs.

4. A press block according to claim 2 or 3, wherein said plurality of connected insertion members comprise an application face having the form of an application surface comprising an array of apertures for receiving contact terminals.

5. A press block according to claim 4, comprising a housing, a surface of which comprising said application surface.

6. A press block according to claim 4 or 5, wherein said application surface having a thickness which is small compared to the part of a contact terminal received by said apertures.

7. A press block according to claim 4, 5 or 6, wherein said apertures are outwardly flared for receiving a contact terminal.

8. A press block according to claim 5, 6 or 7 wherein said housing comprises end surfaces arranged to provide for end-to-end stacking of press blocks, for the insertion of connectors having dimensions, in terms of contact terminals, exceeding the dimensions of a single press block.

9. A press block according to claim 5, 6, 7 or 8, wherein said housing comprises external means for holding and positioning of said housing into a receptacle connector prior to the mounting thereof on a PCB.

10. A press block according to claim 5, 6, 7, 8 or 9, wherein said housing is provided with means for mounting of said press block in an application head of an application device for through hole PCB mount of a press-fit connector.

5 11. A press block according to any of the preceding claims, formed by Metal Injection Moulding (MIM) wherein a composite of a polymer mixed with fine grain metal is injection moulded, the polymer is depleted by heating from the moulded product, and the product thus obtained is sintered and hardened.

10 12. A press-fit connector application device, arranged for through hole mount on a printed circuit board of a press-fit type connector, said application device comprising a press block according to any of the previous claims.

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